Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 09 Feb 2021 until 23:59 on Wednesday 10 Feb 2021

Forecast Issued on Monday 08 Feb 2021 at 14:56

Confidence: High for very cold conditions through the coming days. Low from Friday with uncertainty in the progress of weather fronts invading from the west.

Headline for Tuesday 09 Feb 2021: Very cold with snow showers. Windy.

Mountain weather hazards on Tuesday 09 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Light snow	Heavy snow showers	Heavy snow showers	Heavy snow showers	Light snow	Light snow showers (night)
Precipitation probability							
60%	60%	60%	60%	60%	60%	60%	60%

Forecast for Tuesday 09 Feb 2021

Weather: Bright or clear intervals and frequent snow showers, some heavy with an additional 10-20cm of new snow in places. Heaviest showers bringing temporary blizzard conditions with squally winds and blowing snow. Bitterly cold at all levels with severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 40%.

Visibility: Occasionally down to a few hundred metres or less at times in showers with patchy cloud above 400 or 500m. Spells of excellent visibility between showers but some blowing snow in the strong winds.

Forecast for Tuesday 09 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 E	17/24 E	17/25 E	18/26 E	20/29 E	18/27 E	18/28 E	17/27 NE	15/23 NE
300	11/25 NE	9/23 NE	10/23 E	11/24 NE	13/27 E	12/25 E	10/24 E	10/23 NE	9/21 NE
Valley	9/23 NE	7/19 NE	8/19 NE	8/21 E	12/26 E	11/25 E	8/22 NE	10/23 NE	8/19 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-14	-6/-14	-6/-14	-6/-14	-5/-13	-5/-13	-6/-14	-6/-14	-6/-14
300	-4/-9	-4/-9	-3/-9	-3/-9	-2/-7	-2/-8	-4/-9	-4/-10	-4/-9
Valley	-2/-7	-2/-6	-2/-6	-2/-6	1/-4	0/-5	-2/-7	-3/-8	-3/-8
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Bitterly cold at all levels. Full winter clothing and equipment will be required including full face coverings and goggles.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 08 Feb 2021	1.6mm	3.2mm	13.2mm

Forecast for Wednesday 10 Feb 2021

Weather: Bright or clear intervals and further snow showers. Bitterly cold at all levels with severe wind chill.

Maximum wind: East or northeast 15-20mph, gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 60%.

Visibility: Occasional poor visibility down to a few hundred metres at times in showers with patchy cloud above 400 or 500m. Spells of excellent visibility between showers.

Temperature: **Valleys:** Minus 2C rising to Plus 1C.
At 600m: Minus 6C.
Freezing level: Ground frozen at all levels.